

Peak District National Park

Forecast valid from 06:00 on Friday 02 Oct 2020 until 23:59 on Saturday 03 Oct 2020

Forecast Issued on Friday 02 Oct 2020 at 01:07

Confidence: High for an unsettled and often wet spell of weather through Friday and the weekend and a showery start to next week, but lower with regard to details of rain and winds.

Headline for Friday 02 Oct 2020: Cloudy with outbreaks of rain developing. Brisk northeasterly winds.

Mountain weather hazards on Friday 02 Oct 2020

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

Low Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Cloudy	Cloudy	Heavy Rain	Light rain	Cloudy
Precipitation probability					
20%	20%	30%	60%	60%	40%

Forecast for Friday 02 Oct 2020

Weather: A mostly cloudy day with brisk winds. Through the afternoon and evening, outbreaks of rain are likely to edge north across the southern hills.

Chance of cloud free mountain/hill tops above 600m: 80-90%, although there will be plenty of cloud above the summits. This reducing through the afternoon and evening as cloud increases from the south and becomes occasional above 450m with patches below.

Visibility: Good but falling to several kilometres in rain. Very poor in hill fog.

Forecast for Friday 02 Oct 2020

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/30 NE	25/33 NE	24/34 NE	26/36 NE	25/35 NE	21/30 NE	20/28 NE
300	20/29 NE	19/29 NE	21/33 NE	22/33 NE	19/30 NE	16/27 NE	14/24 NE
Valley	15/35 NE	14/31 NE	17/34 NE	16/35 NE	14/32 NE	13/28 NE	11/25 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	6/1	8/4	8/3	8/3	8/4	8/4
300	7/2	9/5	11/7	10/7	10/7	10/7	10/8
Valley	7/4	10/6	12/8	11/8	11/8	11/8	11/9
Freezing Level*	1700m	1600m	1700m	1700m	2000m	2200m	2300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling cold over the higher slopes, with gusts of 40-50mph over the higher hills through the middle of the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 02 Oct 2020	0.4mm	13.8mm	13.8mm

Forecast for Saturday 03 Oct 2020

Weather: Cloudy overnight with outbreaks of rain, becoming more persistent and heavy towards dawn. Then a wet day with heavy, persistent rain continuing. However, this should gradually clear from the southeast from late afternoon. Conditions underfoot are expected to become very wet with fast flowing water courses possible.

Maximum wind: Northeasterly 20-25mph with gusts of 30-40mph over higher hills.

Chance of cloud free mountain/hill tops above 600m: Little chance with periods of persistent cloud above 400m and patches below, but chances improve to around 60-70% through the evening with cloud becoming occasional above 600m.

Visibility: Good at times, but falling to just a few kilometres in heavier more persistent rain. Very poor in hill fog.

Temperature: **Valleys:** Around plus 10 Celsius rising to 13 Celsius by day
At 600m: Around plus 8 Celsius
Freezing level: Above the summits.